

Aero Design Ltd.**Work Order Control Sheet****Work Order#:** 2015-73 **Date Opened:** 24-Jun-15 **Title:** Assembly**Aircraft OEM:** Eurocopter **Aircraft Model:** AS350/355 **Product Type:** Cargo Basket **Product Model:** XL Ski **Quantity:** 1**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification
Time Sheet (R&D)
Notes

Initial or N/A

JR
N/A
JR
JR
JR
JR
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

Initial or N/A

JR
JR

Drawing List

Drawing #	Rev #	Description	Initial or N/A
94010	1	Basket	JR
94011	1	Body	JR
94012	1	Lid	JR
94027	1	Data plate	JR

Traveller

Install walkway on lid
Install lid on basket body
Re-tap mounting lug holes and install mount lugs
Install handle brackets
Install handle
Install lid prop
Install data plate

Initial or N/A

JR
JR
JR
JR
JR
JR
JR

Component Completion

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components

As Instructed

1
N/A
N/A
N/A

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
Parts Placed in Stores for Distribution

Initial or N/A

JR
N/A
N/A
N/A
N/A

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

Initial or N/A

JR
N/A
N/A

Work performed by:

Print: Jason RekveSign: Jason RekveSCA: AD01Date: 24-Jun-15

ICC / Dual Inspection performed by:

Print: Jeff ClarkeSign: Jeff ClarkeSCA: AD02Date: 24-Jun-15

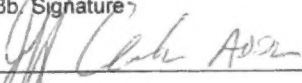
Work Order closed by:

Print: Jason RekveSign: Jason RekveSCA: AD01Date: 24-Jun-15

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO2015-73	
6. Item	7. Description Cargo Basket	8. Part Number 94010-01	9. Qty. 1	10. Serial/Batch No. 94001-48	11. Status/Work New	
12. Remarks Modified with walkway on lid IAW DCL704						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 24 June 2015		14d. Name		14e. Date (dd/mmm/yyyy)

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

Yellowhead



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 94520-01

Aircraft: Bell

Model: 206L/407

Description: Wide Hoop

Supplier: Aero Design

Color: N/A

WO#: 2015-25

PO# 14099



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:	1	
PN:	Tread Plate	
Aircraft:	All	Model: N/A
Description:	Lid Walkway Checker Plate	
Supplier:	Daigle Marine	
Color:	Aluminum	
WO#:	N/A	

PO# 14074



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 94012-01

Aircraft: Eurocopter

Model: AS350

Description: Ski Lid

Supplier: N/A

Color: White

WO#: 2015-04

PO# N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 94011-01

Aircraft: Eurocopter

Model: AS350

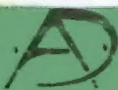
Description: Ski Basket

Supplier: N/A

Color: White

WO#: 2015-50

PO# N/A

**Aero Design Ltd.**

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: FORWARD BEAM No. of pieces: 1Manufacturer: AERO DESIGN LTD.Part No.: 78634-01-00 Serial No.: N/ATTSN: 140.4 HRS TSO: N/A Rem.: N/AWork Order No.: 2015-73

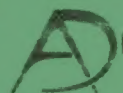
Remaining Tasks to be Performed: _____

Signature: [Signature]Date: 11 Feb 14 Lic. No. / SCA M79544

Form# 20.E.02

Rev. 1 24 April 2014

Serviceable

**Aero Design Ltd.**

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: CARGO BASKET No. of pieces: 1Manufacturer: AERO DESIGN LTD.Part No.: 94010-01 Serial No.: 94001-48TTSN: 140.4 HRS TSO: N/A Rem.: N/A

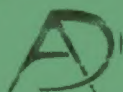
Work Order No.: _____

Remaining Tasks to be Performed: 2015-73Signature: [Signature]Date: 11 Feb 16 Lic. No. / SCA M795441

Form# 20.E.02

Rev. 1 24 April 2014

Serviceable

**Aero Design Ltd.**

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: CLAMP ASSEMBLY No. of pieces: 4Manufacturer: AERO DESIGN LTD.Part No.: 78630-01 Serial No.: N/ATTSN: 140.4 HRS TSO: N/A Rem.: N/AWork Order No.: 2015-73

Remaining Tasks to be Performed: _____

Signature: [Signature]Date: 11 Feb 16 Lic. No. / SCA M795441

Form# 20.E.02

Rev. 1 24 April 2014

Serviceable

2015-73



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Serviceable

Remarks

Removed on Yellowhead WO#35871



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

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AMF 73-04

Serviceable

Remarks

Removed on Yellowhead WO#35871



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Serviceable

Remarks

Removed on Yellowhead WO#35871



Box 190,
Valemount, B.C.
VOE 2Z0

M.O.T Approval No. **167-90**

Work Order No. 35871

Nomenclature CARGO BASKET

Manufacturer AERO DESIGN Type/Model A\$350/355 SERIES

P/N 94001 S/N 48

Total Time 140.4 HRS. T. Rem. — T.S.O. —

Overhaul ☐ Repair ☐ Modification ☐ Insp. ☐ New ☐ Removal ☒

Previous Certification C-FIEM

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

09 OCT / 2015
DATE

[Signature]
SIGNATURE OF AUTHORIZED INSPECTOR

502970
LIC. NO. / STAMP

DETAILS OF OUTSTANDING WORK AND OTHER INFORMATION ON REVERSE

MAINTENANCE RELEASE

REMARKS

Installed on A/C _____ Date _____

Installed at A/F Hrs. _____

MAINTENANCE RELEASE

2015-73 24-Jun-15

CARGO BASKET ASSEMBLY - COMMON

General

These instructions apply to all cargo basket assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

Bell 206L/407 – Right side only

69810, Revision 3 – Standard Low Mounted Basket
94510, Revision 0 – Extra-Wide Low Mounted Basket
94610, Revision 0 – Extra-Wide Low Mounted Ski Basket
76610, Revision 0 – High Mounted Ski Basket

Eurocopter AS350/AS355 – left or right

77610, Revision 1 – Short Basket
76410, Revision 3 – Medium Basket (left or right)
78410, Revision 2 – Long Basket
94010, Revision 0 – Extra Large (ski) Basket

Robinson R44 – left or right

90610, Revision 0 – Standard Basket (left or right)

Bell 206B – right side only

80210, Revision 0 – Short Basket
80310, Revision 0 – Medium Basket
81110, Revision 0 – Long Basket

Bell 429 – right or left

95911, Revision 0 – Standard Basket

Bell Medium – left or right

75111, Revision 0 – Standard Basket
95511, Revision 0 – Extra Large (ski) Basket

MD600

82811, Revision 0 – Standard Basket

Options

70405, Revision 3? – Lid Walkway

CARGO BASKET ASSEMBLY - COMMON

Complete
(initial or SCA #)

Work Order: 2015-73

Date Open: 24 Jun 15

OK

1. Lid Assembly

- a. Install lid bumpers on bottom.
 - i. Fill bumper holes with RTV silicone sealant.
 - ii. Insert 49205-14 lid bumper, 3 or 4 places per lid.
- b. Install placard on bracket on top of lid.
 - i. Locate placard on bracket.
 - ii. Drill #30 through placard and bracket, using holes in placard.
 - iii. Remove placard and de-burr holes in placard and on bracket.
 - iv. Locate placard on bracket, and cleco in place.
 - v. Rivet placard with four CR3213-4-02 CherryMax rivets.
- c. Option: Install walkway on top of lid (lid must be fitted with walkway provisions)
 - i. Note: avoid touching surface of tread plate with bare hands to prevent smudges or marks on the top surface.
 - ii. Pull tread plate from stock. Shear tread plate to length.
 - iii. De-burr edges of tread plate with scotch-brite disc on die-grinder.
 - iv. Locate tread plate on lid. Hold tread plate in place with bags of lead shot.
 - v. Mark and drill #30 holes:
 1. 0.25" from edge of tread plate, centre on cross members (0.38")
 2. 0.25" from edge of tread plate, middle of each walkway stringer
 - vi. De-burr and counter-bore (if required to provide clearance of rivet head on checker pattern) all holes in tread plate using $\frac{1}{4}$ " piloted counter bore on both sides.
 - vii. De-burr holes in lid tubes.
 - viii. Apply bead of RTV silicone sealant along all tubes under tread plate.
 - ix. Set tread plate in place, secure with clecos if necessary.
 - x. Rivet placard with CR3213-4-02 CherryMax rivets
- d. Record PO/WO of all parts (including lid) used in steps above on attached material tracking list.

OK

2. Body Assembly

- a. Install attachment fittings
 - i. Carefully remove excess powder coat from around attachment lug threads using a countersink.
 - ii. Run 3/8-24 tap into attachment lugs to clear threads.
 - iii. Apply anti-seize compound to attachment fittings 96710-01 (alternate: Ancra 40088-14)
 - iv. Install attachment fittings with two NAS1149F0363P washers in four lugs in basket.
 1. 90610 (Robinson R44) basket only:
 - a. Install 1 fitting 906?? in lower forward attachment lug only.
 - b. Install 3 96710-01 fittings in remaining locations.
 - v. Torque to ??

- b. 946 Basket Only: Install Cutout Brace – *must be completed after hinge installation*
 - i. Locate 94621-01 Brace over aft cross tube cutout
 - ii. Install two AN4-6A bolts and two AN4-30A bolts with NAS1149F0463P washers.
 - iii. Torque AN4 bolts to ??
- c. Record PO/WO of all parts (including basket) used in steps above on attached material tracking list.

3. Hinge Installation

- a. Prepare hinge.
 - i. Cut hinge to length:
 - 1. 776, 906 – 54"
 - 2. 751, 803 – 70"
 - 3. 698, 764, 945 – 72"
 - 4. 784 – 90"
 - 5. 940, 946, 959 – 95"
 - ii. Drill #30 pilot holes using hinge jig. For long hinges, flip at specified location on jig.
- b. Install hinge on basket
 - i. Locate hinge on basket (standard baskets)
 - 1. centre fore/aft
 - 2. 0.15" – 0.18" up from bottom edge
 - ii. Locate hinge on basket (extra wide baskets)
 - 1. centre fore/aft
 - 2. set hinge at 90 degrees (as if lid would be installed) using a small square, locate vertical side at 22.5" from outboard edge.
 - iii. Drill #30 through holes in hinge into basket rim. Cleco in place with 1/8 (copper) clecos.
 - iv. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 (black) clecos.
 - v. Remove hinge and de-burr holes in hinge and basket rim.
 - vi. Cleco hinge to basket with 5/32 clecos.
 - vii. Install hinge with CherryMax rivets
 - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
 - 2. CR3213-5-02 aluminum rivets – all other locations
- c. Install lid on basket
 - i. Locate lid on hinge (all baskets)
 - 1. center fore/aft
 - 2. 0.15" – 0.18" down from top edge
 - ii. Drill #30 through holes in hinge into lid rim. Cleco in place with 1/8 clecos.
 - iii. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 clecos.
 - iv. Remove hinge and de-burr holes in hinge and lid rim.
 - v. Cleco lid to hinge with 5/32 clecos.
 - vi. Install hinge with CherryMax rivets
 - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
 - 2. CR3213-5-02 aluminum rivets – all other locations

- d. Record PO of hinge and rivets on attached material tracking list.

AK

4. Install Handle

a. Install handle brackets.

- i. Set 84267-01 handle bracket on provisions in hoops, 2 places.
- ii. Install AN3-11A bolt, NAS1149F0363P washer (2), MS21044N3 nut. Two places per bracket, two brackets per basket.
- iii. Torque AN3 bolts to ??.

b. Install handle

- i. Trim 36278-01R and 36278-01L springs to ensure end of spring does not extend past edge of handle bracket, approximately 1/8". Set springs over bushing of 84261-01 handle assembly.
- ii. Grease two 36275-01 bushings with ??. Insert into bushings of handle assembly.
- iii. Locate handle on basket lid. Insert AN3-12A bolt with NAS1149F0363P through bracket on lid and handle bushing on one end of handle.
- iv. On other end of handle, hook spring over catch rivet on handle assembly and use spring tool to twist spring to catch arm on bracket on lid while inserting AN3-12A bolt with NAS1149F0363P washer through lid bracket and handle bushing.
- v. At first end, remove bolt and repeat step iv.
- vi. Install NAS1149F0363P washer and MS21044N3 nut on both AN3-12A bolts.
- vii. Torque AN3 bolts to ??.

c. Check handle

- i. Operate handle to ensure handle does not bind and springs hold handle in.
- ii. Snap handle into brackets to ensure handle locks.

- d. Record PO/WO of all parts used in steps above on attached material tracking list.

5. Install lid brace

AK

- a. Locate 36280-01 lid brace on bushing in basket. Ensure brace is on forward end of basket as it will be installed on the helicopter.
- b. On lid end, insert AN970-3 washer into end of lid brace. Insert AN3-15A bolt with NAS1149F0363P washer through AN970-3 washer, lid prop, and lid bushing. Install NAS1149F0363P washer and MS21044N3 nut on bolt.
- c. On basket end, insert AN3-17A bolt with AN970-3 washer through lid prop and basket bushing. Install NAS1149F0363P washer and MS2144N3 nut on bolt.
- d. Ensure brace is seated on lip of bushings before tightening nuts.
- e. Torque AN3 bolts to ??
- f. Record PO/WO of all parts used in steps above on attached material tracking list.

CARGO BASKET ASSEMBLY - COMMON

Complete
(initial or SCA #)

APD

6. Final Inspection

Dual inspection by a different person than assembled the basket.

- a. Check for general condition and correct assembly:
 - i. Bolts are tight
 - ii. Rivets are installed correctly
 - iii. Handle operates correctly
 - iv. Lid brace operates correctly
- b. Check that PO/WO numbers have been recorded.

Work Order: 2015-73Date Opened: 24-Jun-15

Material Tracking Sheet
Eurocopter AS350 / AS355
Extra Large Basket Assembly

1 of 2

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
			94010-01	Cargo Basket Assembly		
Step 1				<i>Lid Assembly</i>		2015-04
	. 1		94012-01	Basket Lid Assembly		
Step 1.a.	. . 4		49205-14	Bumper	Argus Industries Bumper	15025
	. . A/R		--	Sealant	Commercial Silicone RTV sealant	
Step 1.b.	. . 1		94027-01	Placard	0.063 Sheet, 6061-T6 Aluminum	11102
	. . 4		CR3213-4-02	Cherry Rivet		
Step 1.c.	. 1		70405-01	Lid Step Modification		
(option)	. . 1		70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	14074
	. . A/R		CR3213-4-02	Cherry Rivet		15031
	. . A/R		--	Sealant	Commercial Silicone RTV sealant	
Step 2				<i>Basket Assembly</i>		2015-50
Step 2.a.	. 1		94011-01	Basket Body Assembly		
	. . 4		96710-01	Fitting	Alternate: Ancra 40088-14	
	. . 8		AN960-616	Washer		
Step 3				<i>Hinge Installation</i>		
	. 1		MS20001P4	Piano Hinge	95"	
	. 8		CR3523-5-02	Cherry Rivet		15031
	. A/R		CR3213-5-02	Cherry Rivet		15031
Step 4	. 1		84255-01	<i>Handle Installation</i>		
Step 4.a.	. . 2		84267-01	Bracket	Delrin, 3/4" Sheet	2015-02
	. . 4		AN3-11A	Bolt		
	. . 8		NAS1149F0363P	Washer		
	. . 4		MS21044N3	Nut		

Work Order: _____

Date Opened: _____

Material Tracking Sheet
Eurocopter AS350 / AS355
Extra Large Basket Assembly

2 of 2

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
Step 4.b.	.. 1		84261-01	Handle Assembly		
	.. 2		36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	
	.. 2		36275-01	Bushing	Brass, 5/16" Dia	
	.. 2		AN3-12A	Bolt		
	.. 4		NAS1149F0363P	Washer		
	.. 2		MS21044N3	Nut		
				<i>Lid Brace Installation</i>		
Step 5	. 1		36280-01	Brace Assembly		2015-63
	. 1		AN3-15A	Bolt		
	. 1		AN3-17A	Bolt		
	. 2		AN970-3	Washer		
	. 3		NAS1149F0363P	Washer		
	. 2		MS21044N3	Nut		
				<i>Inspection</i>	None	
Step 6						

Aero Design

Parts Distribution Sheet

White AS350 SNG

WO# 2015-73

From PO or WO #	Quantity	Description	Part Number	For WO #
15025	4	Bumper	M1417705	
13045	1	spring	36278-01R	
13045	1	Spring	36278-01L	
203-33	2	Bushings	36275-01	
15004	4	W6		
205-07	2	HANDLE BRACKET		
15002	2	BOLT	AN3-35A	
11091	A/R	GRID TAPE		
14063	2	Bolt	AN311A	
15031		Nut	N3	
15031		WASHER	NAS1149FO33P 332	
15022		Rivet	CR3523-5-02	
14064		Rivet	CR3213-5-02	
15014		Rivet	CR3213-5-02	
13049	2	BOLT	AN32A	
14046	8	WASHER	NAS1149FO663P	
205-42	2	← HANDLE	321261-02	
13077		TUBE		



WO# _____

Approved Manufacturing Facility 73-04

Rev. Original 27 May 2013

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	UPDATE TITLE BLOCK AND ALTERNATE REVERSE HARDWARE B/W'S UPDATED.	BAC	16/07/2014
CHANGE BRACK ASSEMBLY TO INSTALLATION			



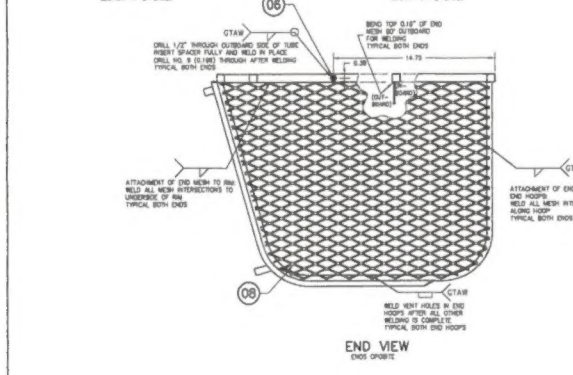
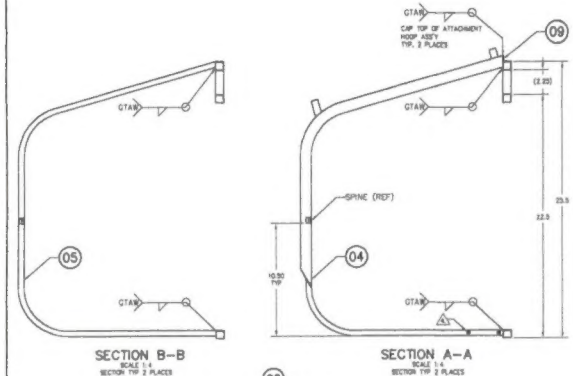
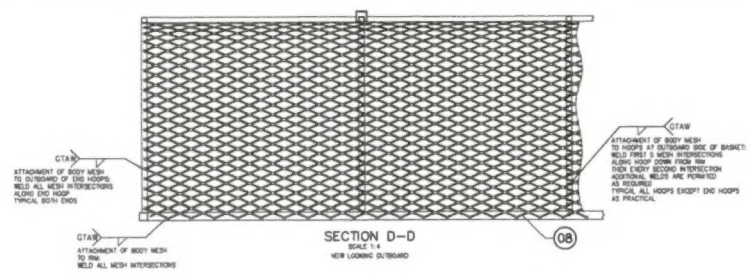
DETAIL B
SCALE 1 : 2
TYPICAL FRONT AND REAR

DETAIL C
SCALE 1 : 1
WORKING AT PLACARD BRACKET

[illegible]

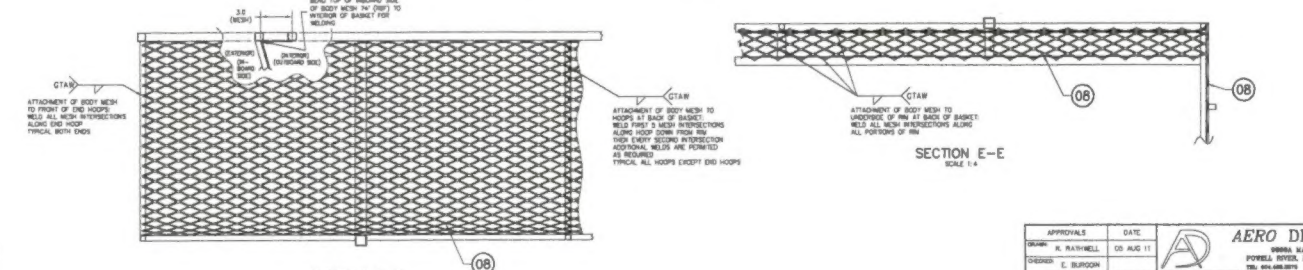
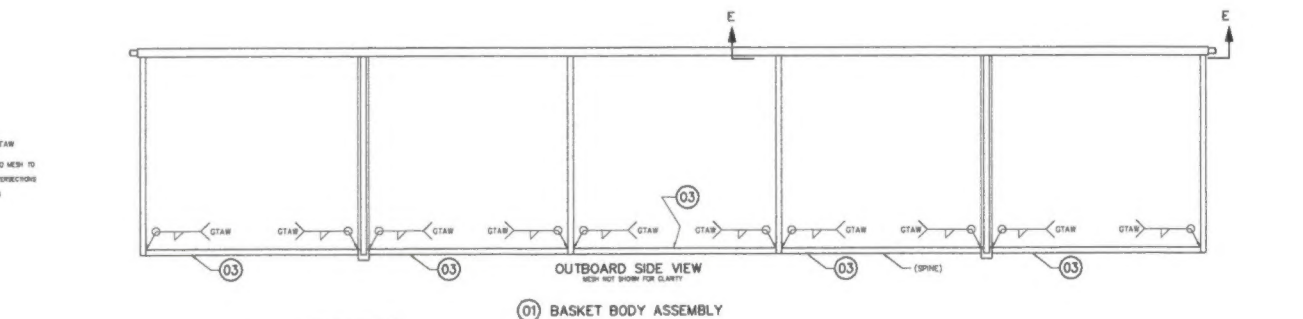
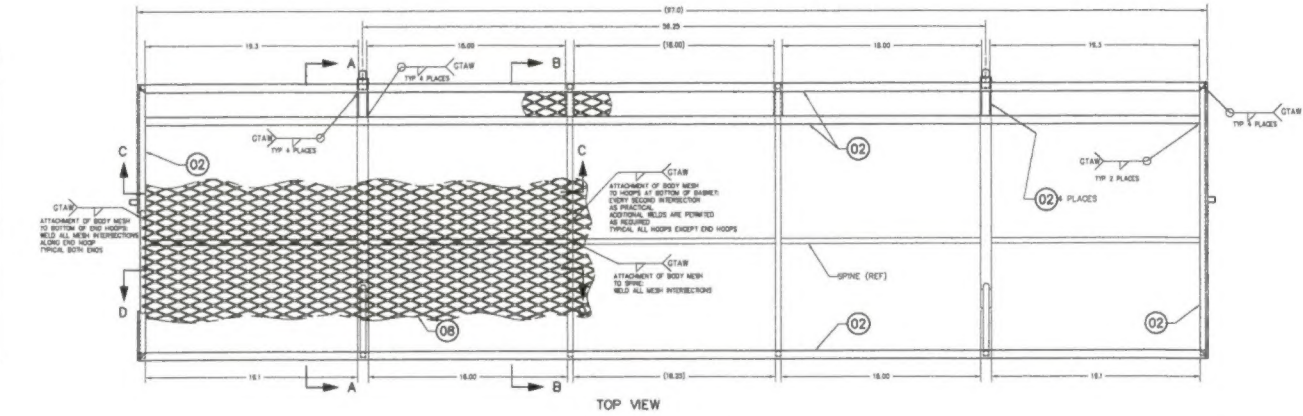
NETTY		LIST OF MATERIALS	
BASIC CODE REF. BASE ISS	DESIGN NO. FOR INVENTOR OR OTHER DESIGNER OR OTHER REF. BASE ISS	APPROVALS	DATE
		J. R. SAKHILL	20 SEP 2011
COUNTERSIGNATURE (PRINT NAME OF INVENTOR OR OTHER DESIGNER OR OTHER REF. BASE ISS)	DESIGN NO. FOR LICENSEE OR OTHER REF. BASE ISS	G. E. BLANDIN	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	
BASIC CODE (S=STANDARD) R=REPLACEMENT A=REPLACEMENT C=REPLACEMENT	<input type="checkbox"/> RETAIN NEW INSET <input type="checkbox"/> REPLACE/REPLACE INSET <input type="checkbox"/> EXISTING INSET	DECIMALS .001 .010 .002 .003 .005 .003	ANGLES 1/2°
		SCALE: 1" = 4"	SHEET: 1 OF 1
		A0	94010 1

REV	DESCRIPTION OF CHANGE	INITIALS	DATE
1	FILE BLOCK UPDATED: WELDING HOOP SPACINGS, REFERENCE DIMS ADDED	BAC	11/07/2004
2	FILE BLOCK UPDATED: WELDING HOOP SPACINGS, REFERENCE DIMS ADDED	BAC	11/07/2004
3	FILE BLOCK UPDATED: WELDING HOOP SPACINGS, REFERENCE DIMS ADDED	BAC	11/07/2004



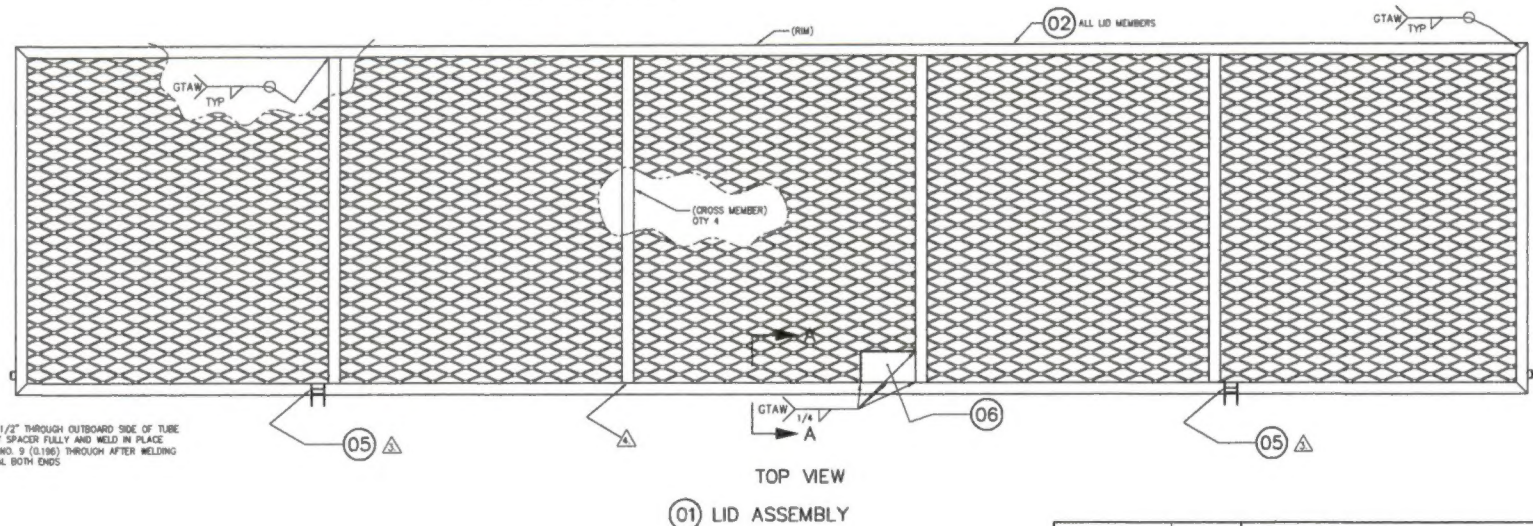
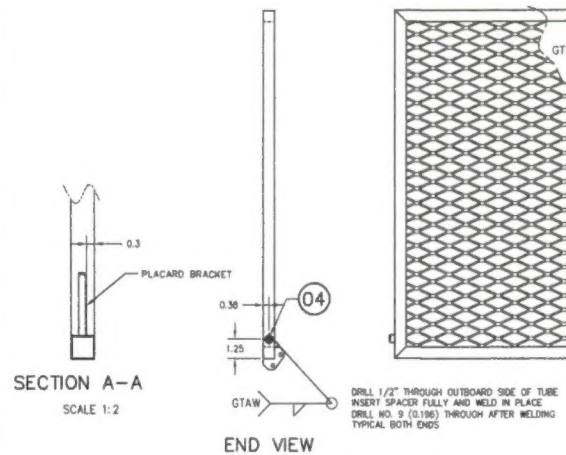
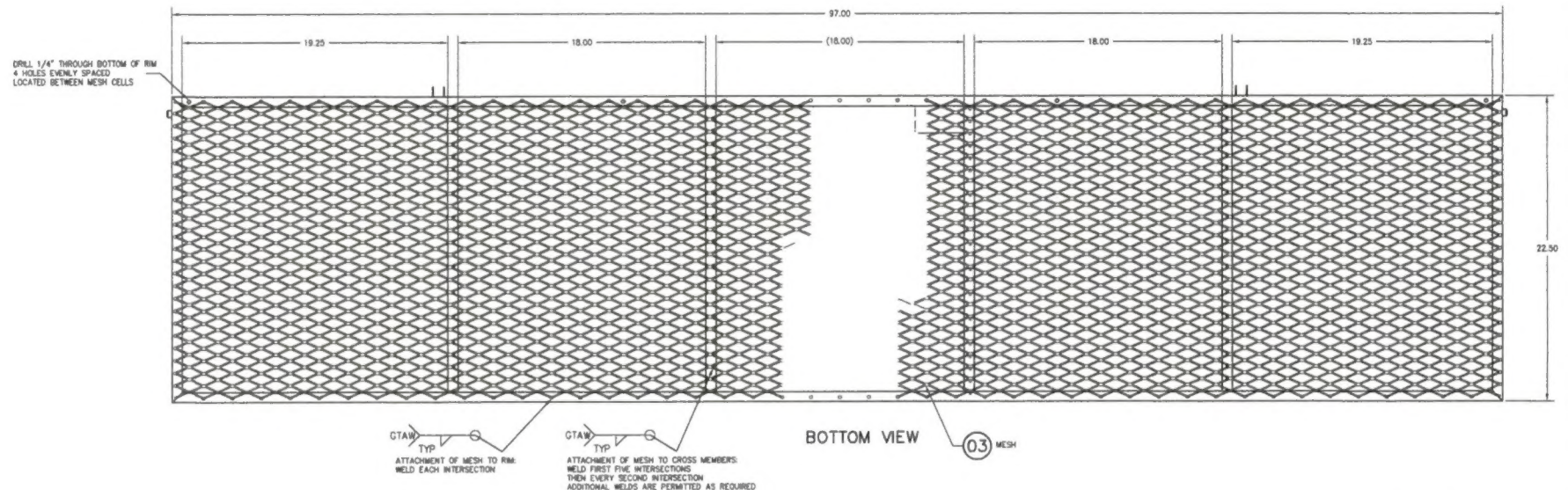
- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. PRIOR TO WELDING, DRILL AND FILE VENT HOLES IN ASSEMBLY FOR VENTING OF WELD GASES. WHEN ASSEMBLY IS COMPLETE, FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD.
 3. WELDING OF 430 STEEL TO BE COMPLETED BY GTAW METHOD TO AWP SPEC.
 4. 430 AND 1018 STEEL WELDING ROD SHALL CONFORM TO ENDS-2 OR EQUIVALENT.
 5. STAINLESS AND 430 STEEL WELDING ROD SHALL CONFORM TO ENDS-2 OR EQUIVALENT.
 6. INSTALL ITEM 7 (BASKET HANDLE PROVISIONS ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING B430 BEFORE WELDING HOOPS TO RAIL.
 7. FINISH: THOROUGHLY CLEAN AND POWDER COAT BASKET ASSEMBLY.

REV	DESCRIPTION	MATERIAL	QUANTITY	UNIT
1	430 STEEL	430 STEEL	1.00	LB
2	1018 STEEL	1018 STEEL	1.00	LB
3	430 STEEL	430 STEEL	1.00	LB
4	1018 STEEL	1018 STEEL	1.00	LB
5	430 STEEL	430 STEEL	1.00	LB
6	1018 STEEL	1018 STEEL	1.00	LB
7	430 STEEL	430 STEEL	1.00	LB
8	1018 STEEL	1018 STEEL	1.00	LB
9	430 STEEL	430 STEEL	1.00	LB
10	1018 STEEL	1018 STEEL	1.00	LB



APPROVALS	DATE	REVISION	DATE
DESIGNED: H. RAYNELL	03 AUG 11	REVISED: E. BURDICK	03 AUG 11
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES OR ANGLES			
DECIMALS	3.000 ±0.010	1/16"	±0.005
FRACTIONS	3/16"	±0.005	±0.005
ANGLES	30°	±0.1°	±0.1°
SCALE: 1:4			
AERO DESIGN LTD.			
EUROCOPTER AS330 & AS335 SERIES QUICK RELEASE CARGO BASKET BASKET BODY ASSEMBLY (EXTRA LARGE)			
PART NO. 94011		REV. 1	

THE DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DISSEMINATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.			
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED: CHANGED 36204-01 TO 84263-01; ITEM #'S ADDED	BJC	16/07/2014
	WELDING ROD UPDATED: # OF WELDS DOWN BRACE TUBES INCREASED		



- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. 4130 AND 1018 STEEL: WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT. STAINLESS AND 4130 STEEL: WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT.
 3. INSTALL ITEM 5 (LID HANDLE PROVISIONS ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING 84263.
 4. DRILL #30 (0.129) HOLES IN LONG TUBE MEMBERS AT BRACE LOCATIONS TO VENT WELD GASSES. WHEN ASSEMBLY IS COMPLETE, FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD.
 5. FINISH: THOROUGHLY CLEAN AND POWDER COAT LID ASSEMBLY.

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	36204-10	06	PLACARD BRACKET			
1	84263-01	05	LID HANDLE PROVISIONS ASSEMBLY			
2	49216-01	04	SPACER			
A/R	3/4 - 16F	03	MESH	MILD STEEL	COMMERCIAL	
A/R		02	SQUARE TUBE	4130 STEEL COND. N	ML-T-6736	0.75 X 0.035 SQR TUBE
	94012-01	01	LID ASSEMBLY			

APPROVALS		DATE	AERO DESIGN LTD.	
DRAWN: R. RATHWELL		05 AUG 11		
CHECKED: E. BURGOIN			6888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 6G3 TEL: 250.463.8378 www.aerodesign.ca	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			EUROCOPTER AS350 & AS355 SERIES QUICK RELEASE CARGO BASKET LID ASSEMBLY (EXTRA LARGE)	
DECIMALS	ANGLES		SCALE 1:4	QNG SIZE QNG NO.
X.XXX ±0.010	±1/2°		SHEET 1 OF 1	A1 94012 1
X.XX ±0.03				
X.X ±0.1				

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	UPDATE TITLE BLOCK; UPDATE ADDRESS AND LOGO; MAT'L THICKNESS CHANGED	BJC	10/07/2014

NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:
"QUICK RELEASE BASKET" - 0.125 HIGH
"EUROCOPTER AS350 & AS355 SERIES" - 0.080 HIGH
"S/N 94001-XX" - 0.080 HIGH
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH
"300 LBS/136 KG" - 0.200 HIGH
"AERO DESIGN LTD." - 0.125 HIGH
"POWELL RIVER, BC, CANADA" - 0.080 HIGH
"www.aerodesign.ca" - 0.080 HIGH


DRILL #30 (0.129)
4 PLACES



01 PLACARD

94027-01	01	PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

LIST OF MATERIALS

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.	APPROVALS		DATE		 AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 804.483.2376 www.aerodesign.ca	
	DRAWN: R. RATHWELL		OCT 3, 2011			
	CHECKED: E. BURGOIN					
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1				EUROCOPTER AS350 & AS355 SERIES QUICK RELEASE CARGO BASKET PLACARD	
	SCALE 1 : 1 SHEET 1 OF 1		DWG. SIZE A4	DWG. NO. 94027	REV. 1	